

Average relative humidity and departures from the normal.

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
New England	72	- 1	Missouri Valley	63	- 2
Middle Atlantic	67	- 0	Northern Slope	62	+ 4
South Atlantic	69	- 3	Middle Slope	60	+ 3
Florida Peninsula	70	- 4	Southern Slope	55	- 0
East Gulf	73	+ 3	Southern Plateau	33	+ 3
West Gulf	68	+ 4	Middle Plateau	51	+ 6
Ohio Valley and Tennessee	69	+ 4	Northern Plateau	59	+ 2
Lower Lake	73	+ 3	North Pacific	76	- 0
Upper Lake	70	- 1	Middle Pacific	66	- 4
North Dakota	66	- 2	South Pacific	71	+ 3
Upper Mississippi Valley	68	0			

ATMOSPHERIC ELECTRICITY.

Numerical statistics relative to auroras and thunderstorms are given in Table IV, which shows the number of stations from which meteorological reports were received, and the number of such stations reporting thunderstorms (T) and auroras (A) in each State and on each day of the month, respectively.

Thunderstorms.—Reports of 2677 thunderstorms were received during the current month as against 2404 in 1902 and 2149 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country was most numerous were: 12th, 335; 11th, 176; 19th, 166.

Reports were most numerous from: Missouri, 301; Iowa, 164; Illinois, 148; Tennessee, 147.

Auroras.—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the date of full moon, viz: 7th to 15th.

In Canada: Thunderstorms were reported at St. John, N. F.,

18th; Bissett, 2d; Toronto, 30th; Port Stanley, 2d, 3d; Parry Sound, 2d, 30th; Medicine Hat, 22d; Hamilton, Bermuda, 22d, Sable Island, 24th. Auroras were reported at Quebec, 26th; Montreal, 2d; Minnedosa, 27th; Swift Current, 5th.

WIND.

The maximum wind velocity at each Weather Bureau station for a period of five minutes is given in Table I, which also gives the altitude of Weather Bureau anemometers above ground.

Following are the velocities of 50 miles and over per hour registered during the month:

Maximum wind velocities.

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
Amarillo, Tex.	2	50	w.	Mount Tamalpais, Cal. . .	17	51	nw.
Atlanta, Ga.	3	50	nw.	Do.	18	56	nw.
Block Island, R. I.	4	54	nw.	Do.	25	55	nw.
Do.	14	55	ne.	Do.	26	67	nw.
Do.	15	60	ne.	New York, N. Y.	4	55	nw.
Do.	16	53	ne.	Do.	15	52	ne.
Do.	17	51	n.	Do.	18	53	nw.
Buffalo, N. Y.	9	51	w.	North Head, Wash.	21	50	se.
Do.	30	52	w.	Point Reyes Light, Cal. .	1	77	nw.
Cape Henry, Va.	4	55	nw.	Do.	2	58	nw.
Chicago, Ill.	2	53	s.	Do.	3	60	nw.
Do.	3	51	ne.	Do.	4	71	nw.
Cleveland, Ohio.	3	50	nw.	Do.	5	52	nw.
Columbus, Ohio.	12	52	sw.	Do.	9	62	nw.
El Paso, Tex.	2	73	sw.	Do.	10	60	nw.
Fort Smith, Ark.	3	50	w.	Do.	17	55	nw.
Hatteras, N. C.	4	53	n.	Do.	22	58	nw.
Do.	14	52	w.	Do.	23	52	nw.
Jacksonville, Fla.	13	51	sw.	Do.	25	59	nw.
Lexington, Ky.	8	50	nw.	Do.	26	70	nw.
Memphis, Tenn.	3	56	w.	Syracuse, N. Y.	2	55	s.
Do.	8	64	nw.	Do.	30	58	nw.
Mount Tamalpais, Cal. . .	4	54	nw.	Tatoosh Island, Wash. . .	3	50	sw.
Do.	5	56	n.	Do.	5	51	sw.
Do.	9	71	nw.	Do.	6	55	sw.
Do.	10	56	nw.	Do.	7	55	nw.
Do.	13	50	nw.	Valentine, Nebr.	17	55	se.
Do.	14	59	nw.				

DESCRIPTION OF TABLES AND CHARTS.

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For description of tables and charts see page 582 of REVIEW for December, 1902.